

CLEAN VERSION

Serial No: 09/596,850



SPECIFICATION

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This application is a Continuation reissue application of reissue application Serial No. 09/283,843, filed March 31, 1999, which is, in turn, a reissue application of U.S. Patent No. 5,615,855, issued April 1, 1997, which is, in turn, a Continuation-in-Part of the USA application Serial No. 08/072,817, filed June 7, 1993, now U.S. Patent No. 5,593,129, issued January 14, 1997, which is a national-stage application derived from PCT international application PCT/US92/08721, filed October 6, 1992.

This invention relates to a telescoping mast which includes an integral payload.

More particularly, the invention pertains to an integrated telescoping mast-payload assembly which is specially adapted for mobile and portable use.

In another respect the invention relates to a telescoping mast-payload assembly which is specially configured for use under hazardous ambient conditions, in conjunction with protective shelters for operating personnel.

Telescoping masts have been widely employed for radio antennas, lights and a variety of other fixtures, such as instrumentation and telemetry packages for robotic vehicles, television cameras, mast-mounted antenna rotators, preamplifiers, radiation sensors and similar fragile electronic and electro-mechanical instrument packages.